FORM D

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM D

NOTICE OF SALE OF SECURITIES
PURSUANT TO REGULATION D,
SECTION 4(6) AND/OR
UNIFORM LIMITED OFFERING EXEMP

2007

Filing Under (Check box(es) that apply): Rule 504 Rule 505 Rule 506 Section 4(6) ULOE Type of Filing: New Filing Amendment A. BASIC IDENTIFICATION DATA	
A. BASIC IDENTIFICATION DATA	
Enter the information requested about the issuer)))
Name of Issuer (Check if this is an amendment and name has changed, and indicate change.) ARCH Venture Fund VII, L.P.	7181
Address of Executive Offices (Number and Street, City, State, Zip Code) 8725 W. Higgins Road, Suite 290, Chicago, IL 60631 Telephone Number (Including Area Code) (773) 380-6600	
Address of Principal Business Operations (Number and Street, City, State, Zip Code) Telephone Number (Including Area Code) (if different from Executive Offices)	
Brief Description of Business Investment fund focused on private equity investments.	
Type of Business Organization	
□ corporation □ limited partnership, already formed □ other (please specify): □ business trust □ limited partnership, to be formed	
Actual or Estimated Date of Incorporation or Organization: O 5	ESSED 5 2007

GENERAL INSTRUCTIONS

Federal:

Who Must File: All issuers making an offering of securities in reliance on an exemption under Regulation D or Section 4(6), 17 CFR 230.501 et seq. or 15 U.S.C. 77d(6)

When to File: A notice must be filed no later than 15 days after the first sale of securities in the offering. A notice is deemed filed with the U.S. Securities and Exchange Commission (SEC) on the earlier of the date it is received by the SEC at the address given below or, if received at that address after the date on which it is due, on the date it was mailed by United States registered or certified mail to that address.

Where to File: U.S. Securities and Exchange Commission, 450 Fifth Street, N.W., Washington, D.C. 20549

Copies Required: Five (5) copies of this notice must be filed with the SEC, one of which must be manually signed. Any copies not manually signed must be photocopies of the manually signed copy or bear typed or printed signatures.

Information Required: A new filing must contain all information requested. Amendments need only report the name of the issuer and offering, any changes thereto, the information requested in Part C, and any material changes from the information previously supplied in Parts A and B. Part E and the Appendix need not be filed with the SEC.

Filing Fee: There is no federal filing fee.

State:

This notice shall be used to indicate reliance on the Uniform Limited Offering Exemption (ULOE) for sales of securities in those state that have adopted ULOE and that have adopted this form. Issuers relying on ULOE must file a separate notice with the Securities Administrator in each state where sales are to be, or have been made. If a state requires the payment of a fee as a precondition to the claim for the exemption, a fee in the proper amount shall accompany this form. This notice shall be filed in the appropriate states in accordance with state law. The Appendix to the notice constitutes a part of this notice and must be completed.

ATTENTION

Failure to file notice in the appropriate states will not result in a loss of the federal exemption. Conversely, failure to file the appropriate federal notice will not result in a loss of an available state exemption unless such exemption is predicated on the filing of a federal notice.

		A. BASIC IDENTII	FICATION DATA		
Each promoter of the iss Each beneficial owner he securities of the issuer; Each executive officer are	uer, if the issue wing the power	r has been organized wir to vote or dispose, or d	irect the vote or dispositi		•
 Each general and manag 				0 0,	F
Check Box(es) that Apply:	□ Promoter	☐ Beneficial Owner	☐ Executive Officer	☐ Director	☑ General Partner of the Issuer (the "GP")
Full Name (Last name first, if indi	vidual)			•	
ARCH Venture Partners VII, L.P.					
Business or Residence Address	(Nun	nber and Street, City, St	ate, Zip Code)		
9736 W. Hinning Bood, Cuite 200		-			
8725 W. Higgins Road, Suite 290,			D F	E Discours	S C 1 D C
Check Box(es) that Apply:	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	☐ Director	□ General Partner of the GP (the "GPLLC")
Full Name (Last name first, if indi	vidual)			• • •	
ARCH Venture Partners VII, LLC					:
Business or Residence Address	(Nun	nber and Street, City, St	ate, Zip Code)		74111
8725 W. Higgins Road, Suite 290,	Chicago II 60	1621			
Check Box(es) that Apply:	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	□ Director	☑ Member of the
					GPLLC_
Full Name (Last name first, if indi	vidual)				
Crandell, Keith L.					
Business or Residence Address	(Nun	nber and Street, City, St	ate, Zip Code)		
8725 W. Higgins Road, Suite 290	Chicago, IL 60	0631			
Check Box(es) that Apply:	□ Promoter	☐ Beneficial Owner	☐ Executive Officer	☐ Director	
Full Name (Last name first, if indi	vidual)				
Nelsen, Robert T.					
Business or Residence Address	(Nun	nber and Street, City, St	ate, Zip Code)		
8725 W. Higgins Road, Suite 290,	Chicago, IL 60	0631			
Check Box(es) that Apply:	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	☐ Director	Member of the
F. N.M. (7 (7 (7 10' 11')		 _			GPLLC
Full Name (Last name first, if indi	vidual)				
Bybee, Clinton W.					
Business or Residence Address	(Nur	nber and Street, City, St	ate, Zip Code)		
8725 W. Higgins Road, Suite 290	Chicago, IL 60	0631			
Check Box(es) that Apply:	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	☐ Director	Member of the GPLLC
Full Name (Last name first, if indi	vidual)				
Ennis, Patrick J.					
Business or Residence Address	(Nur	nber and Street, City, St	ate, Zip Code)		
8725 W. Higgins Road, Suite 290	Chicago, IL 60	0631			
Check Box(es) that Apply:	☐ Promoter	☐ Beneficial Owner	☐ Executive Officer	☐ Director	
Full Name (Last name first, if indi	vidual)				OFLEC
Minick, Scott					
Business or Residence Address	(Nur	nber and Street, City, St	ate, Zip Code)		
8725 W. Higgins Road, Suite 290,	Chicago, IL 60	0631			:

1. Has the issuer sold, or does the issuer intend to sell, to non accredited investors in this offering?					B. INF	ORMATIC	N ABOU	OFFERI	NG		•		
Answer also in Appendix, Column 2, if filling under ULOE. 2. What is the minimum investment that will be accepted from any individual?	1 Has the iss	ruer cold o	r does the is	cuer inten	i to sail to	non accredi	ted invecto	re in this of	Yaring?				
2. What is the minimum investment that will be accepted from any individual? **The General Partner, in its sole discretion, may accept a lower investment amount. Yes No 3. Does the offering permit joint ownership of a single unit? 4. Enter the information requested for each person who has been or will be paid or given, directly or indirectly, any commission or similar renumeration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a state or stakes, list the anne of the broker or dealer. If more than five (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information for that broker or dealer only	i. rias ine iss	suer solu, o	r does the is	ssuer mieno	i to sen, to	non accredi	tea investo	rs in unis oi	iering?			U	×
*The General Partner, in its sole discretion, may accept a lower investment amount. Yes No Does the offering permit joint ownership of a single unit?		Ans	wer also in	Appendix,	Column 2,	if filing un	der ULOE.						
3. Does the offering permit joint ownership of a single unit?	2. What is th	e minimum	ı investmen	t that will b	e accepted	from any in	ıdividual?			••••••		\$ <u>10,000</u>	0,000*
3. Does the offering permit joint ownership of a single unit?	*The General	Partner, in	its sole dis	cretion, ma	y accept a l	ower invest	ment amou	nt.					
4. Enter the information requested for each person who has been or will be paid or given, directly or indirectly, any commission or similar remuneration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or agent of a broker or dealer righteed with the SEC and/or with a state or states, list the name of the broker or dealer in family (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information for that broker or dealer only												Yes	No
remuneration for solicitation of purchasers in connection with sales of securities in the offering. If a person to be listed is an associated person or agent of a broker or dealer registered with the SEC and/or with a state or states, list manue of the broker or dealer. If more than five (5) persons to be listed are associated persons of such a broker or dealer, you may set forth the information for that broker or dealer only	3. Does the o	offering per	mit joint ow	mership of	a single un	it?				•••••		⊠ .	0
Name of Associated Broker or Dealer	remuneration agent of a bro persons to be	for solicita ker or deal- listed are a	tion of pure er registered ssociated pe	thasers in c i with the S ersons of st	onnection v SEC and/or	vith sales of with a state	securities or states, l	in the offer ist the name	ing. If a pe e of the bro	rson to be I ker or deale	isted is an er. If more	associate than five	d person or (5)
Name of Associated Broker or Dealer													
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Name of Associated Broker or Dealer	Full Name (L	ast name fi	rst, if indivi	dual)									
Name of Associated Broker or Dealer									•			:	
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States in Which Person Listed Has Solicited or Intends to Solicit Purchasers (Check "All State" or check individual States)													
(Check "All State" or check individual States)	Name of Asso	ociated Bro	ker or Deal	er		.						,	
(Check "All State" or check individual States)												:	
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C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

1.	Enter the aggregate offering price of securities included in this offering and the total amount already sold. Enter "0" if answer is "none" or "zero." If the transaction is an exchange offering, check this box \(\Delta\) and indicate in the columns below the amounts of the securities offered for exchange		
	and already exchanged. Type of Security	Aggregate Offering Price	Amount Already Sold
	Debt	\$ <u>0</u>	\$ <u>0</u>
	Equity		s 0
	•		
	□ Common □ Preferred		
	Convertible Securities (including warrants)	\$ <u>0</u>	\$ <u>0</u>
	Partnership Interests	\$ 400,000,000	\$ _0
	Other (Specify)	\$ 0	\$ <u>0</u>
	Total	\$ 400,000,000	<u> </u>
	Answer also in Appendix, Column 3, if filing under ULOE.		
2.	Enter the number of accredited and non-accredited investors who have purchased securities in this offering and the aggregate dollar amounts of their purchases. For offerings under Rule 504, indicate the number of persons who have purchased securities and the aggregate dollar amount of their purchases on the total lines. Enter "0" if answer is "none" or "zero."	Number Investors	Aggregate Dollar Amount of Purchases
	Accredited Investors	_0	\$_0_
	Non-accredited Investors	0	\$_0
	Total (for filings under Rule 504 only)	_N/A	\$ N/A
3.	Answer also in Appendix, Column 4, if filing under ULOE. If this filing is for an offering under Rule 504 or 505, enter the information requested for all securities sold by the issuer, to date, in offerings of the types indicated, in the twelve (12) months prior		
	to the first sale of securities in this offering. Classify securities by type listed in Part C - Question 1.		
	Type of offering	Type of Security	Dollar Amount Sold
	Rule 505	<u>N/A</u>	\$ <u>N/A</u>
	Regulation A	<u>N/A</u>	\$ <u>N/A</u>
	Rule 504	N/A	\$ <u>N/A</u>
	Total	N/A	\$ <u>N/A</u>
4.	a. Furnish a statement of all expenses in connection with the issuance and distribution of the securities in this offering. Exclude amounts relating solely to organization expenses of the issuer. The information may be given as subject to future contingencies. If the amount of an expenditure is not known, furnish an estimate and check the box to the left of the estimate.		
	Transfer Agent's Fees		\$ <u>N/A</u>
	Printing and Engraving Costs		s 50,000
	Legal Fees		\$ 500,000
	Accounting Fees		3 \$ N/A
	Engineering Fees	[s <u>N/A</u>
	Sales Commissions (specify finders' fees separately)		\$ <u>N/A</u>
	Other Expenses (identify) Telecopy, phone and other miscellaneous expenses		\$100,000
	Total		\$ 650,000

1 and total expenses furnished in response to Part C - Question 4.a. This difference is the "adjusted gross proceeds to the issuer."			\$399,350,00
. Indicate below the amount of the adjusted gross proceeds to the issuer used or proposed to be used for each of the purposes shown. If the amount for any purpose is not known, furnish an estimate and check the box to the left of the estimate. The total of the payments listed must equal the adjusted gross proceeds to the issuer set forth in response to Part C - Question 4.b above.		Payments to Officers, Directors, & Affiliates	: Payments To Others
Salaries and fees	🛛		□ \$ 0
Purchase of real estate	. 🗆	\$_0	□ \$ <u>0</u>
Purchase, rental or leasing and installation of machinery and equipment	. 🗖	\$ 0	□ \$ <u>0</u>
Construction or leasing of plant buildings and facilities	🗆	\$ <u>0</u>	□ \$ <u>0</u>
Acquisition of other businesses (including the value of securities involved in this offering that may be used in exchange for the assets or securities of another	_	• •	5 6 0
issuer pursuant to a merger)		\$ <u>0</u>	5 0
Repayment of indebtedness		\$ <u>0</u>	<u> </u>
Working Capital		\$ <u>0</u>	□ \$ <u>0</u>
Other (specify): Investment in private equity investments.	_ 0	\$ <u>0</u>	⊠ \$ <u>**</u>
Column Totals	. 🗵	S_*	⊠ \$ <u>**</u>

C. OFFERING PRICE, NUMBER OF INVESTORS, EXPENSES AND USE OF PROCEEDS

^{*} It is anticipated that the General Partner will receive a fee for management services (the "Management Fee") payable by the issuer, in advance, on the first day of each fiscal quarter, equal to a percentage, as specified in the issuer's partnership agreement, multiplied by the aggregate capital commitments of all partners of the issuer.

^{** \$399,350,000} minus the Management Fee.

D. FEDERAL SIGNATURE

The issuer has duly caused this notice to be signed by the undersigned duly authorized person. If this notice is filed under Rule 505, the following signature constitutes an undertaking by the issuer to furnish to the U.S. Securities and Exchange Commission, upon written request of its staff, the information furnished by the issuer to any non-accredited investor pursuant to paragraph (b)(2) of Rule 502.

Issuer (Print or Type)	Signature	Date			
ARCH Venture Fund VII, L.P.	deun /V	5/30/07			
Name of Signer (Print or Type)	Title of Signer (Print or Type)				
Keith L. Crandell	Manager of ARCH Venture Partners VII, LLC, the general par ARCH Venture Fund VII, L.P.	anager of ARCH Venture Partners VII, LLC, the general partner of the general partner of RCH Venture Fund VII, L.P.			

